

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query        | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------------|--|------------------|---------|---------------------|
| S1    | 2447 | (370/206-210).ccls. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/21<br>07:20 |
| S2    | 2769 | (370/329-330).ccls. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/18<br>17:39 |
| S3    | 357  | (370/334).ccls.     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/18<br>17:39 |
| S4    | 912  | (370/343-344).ccls. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/18<br>17:39 |
| S5    | 1    | 10/562620           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/21<br>08:40 |
| S6    | 952  | (455/101).ccls.     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/18<br>17:42 |
| S17   | 1    | 10/562619           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/18<br>18:38 |
| S18   | 4    | 10/249557           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/12/19<br>09:30 |

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| S26  | 952 | (455/101) ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/19<br>10:16 |
| S27  | 18  | S26 and (mimo or siso)<br>with (preamble)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/19<br>10:14 |
| S28  | 691 | (455/103) ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/19<br>10:16 |
| S29  | 191 | (455/112).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/19<br>10:48 |
| S65  | 395 | (signal near2 field)near7<br>((defer\$4 near2 time)or<br>(duration) or (hold time)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/20<br>08:31 |
| S66  | 34  | S65 and (mimo)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/20<br>08:35 |
| S145 | 2   | "7340018".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/18<br>15:56 |
| S148 | 1   | 10/990344   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/18<br>16:16 |
| S161 | 200 | (455/112) ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/18<br>18:08 |
| S164 | 2   | "6487253" pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/18<br>18:22 |

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| S189 | 2705 | (370/206-210).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/20<br>21:47 |
| S190 | 3235 | (370/329-330).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/20<br>21:47 |
| S191 | 395  | (370/334).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/20<br>21:47 |
| S192 | 1019 | (370/343-344).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/20<br>21:47 |
| S193 | 1029 | (455/101).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/20<br>21:47 |
| S194 | 153  | ((JAN) near2 (BOER)).<br>INV.                               | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/07/20<br>21:47 |
| S195 | 7    | ((BAS) near2 (DRIESEN)).<br>INV.                            | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/07/20<br>21:48 |
| S196 | 10   | ((TIM) near2 (SCHENK)).<br>INV.                             | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/07/20<br>21:48 |
| S197 | 3    | ((ALLERT) near2 ("VAN<br>ZELST")).INV.                      | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/07/20<br>21:48 |
| S198 | 154  | ((JAN) near2 (BOER)).<br>INV.                               | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/01/05<br>17:52 |
| S199 | 8    | ((BAS) near2 (DRIESEN)).<br>INV.                            | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/01/05<br>17:54 |
| S200 | 11   | ((TIM) near2 (SCHENK)).<br>INV.                             | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/01/05<br>17:58 |
| S201 | 3    | ((ALLERT) near2 ("VAN<br>ZELST")).INV.                      | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/01/05<br>17:58 |
| S204 | 10   | (diagonal near2 load\$3)<br>same (train\$3 near2<br>symbol) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/05<br>18:00 |

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| S234 | 1488 | ((transmi\$4) same (train\$3 near2 symbol))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>09:17 |
| S241 | 1105 | (370/343-344).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>09:38 |
| S242 | 810  | (370/345).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>09:38 |
| S248 | 1103 | (455/101).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>10:04 |
| S251 | 739  | (455/103).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>10:11 |
| S252 | 52   | S251 and ((train\$3 near2 symbol) or (signal near2 field)or (signal near2 (duration or length))) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>10:13 |
| S253 | 203  | (455/112).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>10:16 |
| S260 | 1    | ((train\$3 near2 symbol) same (sub-carrier) same (activat\$3))                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/06<br>10:32 |
| S273 | 433  | (370/334).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:11 |
| S274 | 3    | S273 and (train\$3 near2 symbol) same (sequence) same (signal near2 field)                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:12 |

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| S278 | 11   | S273 and (train\$3 near2 symbol) same (sio or mimo)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:15 |
| S279 | 11   | S273 and (train\$3 near2 symbol) same (sio or mimo)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:15 |
| S283 | 310  | (455/63.4).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:19 |
| S286 | 5    | S283 and (train\$3 near2 symbol)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:20 |
| S287 | 6    | S283 and (activat\$3 near2 antenna)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:21 |
| S288 | 2958 | (455/450).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:34 |
| S289 | 2    | S288 and (load\$3 or interleav\$3 or multiplex \$3) same (subcarrier\$1 or sub-carrier\$1) near2 (antenna) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:36 |
| S290 | 108  | S288 and (load\$3 or interleav\$3 or multiplex \$3) same (subcarrier\$1 or sub-carrier\$1)                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:37 |
| S291 | 1    | S290 and (train\$3 near2 symbol)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:37 |
| S294 | 6    | 2004/0005018   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:58 |

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| S295 | 2    | "20040005018"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>08:58 |
| S296 | 5    | ("6917311" or<br>"5497398").pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/12<br>09:00 |
| S297 | 2967 | (455/450).ocls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/16<br>10:46 |
| S300 | 10   | ((BAS) near2 (DRIESEN)).<br>INV.   | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/10/28<br>21:20 |
| S301 | 2    | "7352688".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>21:26 |
| S302 | 159  | ((JAN) near2 (BOER)).<br>INV.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/10/28<br>21:29 |
| S303 | 13   | ((TIM) near2 (SCHENK)).<br>INV.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/10/28<br>21:29 |
| S304 | 5    | ((ALLERT) near2 ("VAN<br>ZELST")).INV.   | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/10/28<br>21:30 |
| S305 | 131  | ((diagona\$I) near5 (field<br>or indicator of flag or Id<br>or identifier or signal or<br>data)) with (antenn\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>21:39 |
| S306 | 3302 | ((allocat\$3 or assign\$3)<br>same (carrier\$2 or<br>subcarrier\$1 or<br>(frequency near2 (band<br>or channel))same (time<br>or tim\$3 near2 (period or<br>interval)))with (mimo or<br>antenn\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>21:56 |
| S307 | 70   | S306 and (active near2<br>(carrier or subcarrier))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>21:56 |

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| S308 | 1070 | ((allocat\$3 or assign\$3) with (carrier\$2 or subcarrier\$1 or (frequency near2 (band or channel))same (time or tim\$3 near2 (period or interval)))with (mimo or antenn\$4))                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>22:15 |
| S309 | 100  | S308 and (train\$3 near2 (data or signal or sequence or symbol))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>22:16 |
| S310 | 0    | S308 and (activat\$3) with (train\$3 near2 (sequence or data or signal or symbol))with (time or tim\$3 near2 (interval or period))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>22:44 |
| S311 | 163  | (activat\$3) with (train\$3 near2 (sequence or data or signal or symbol))with (time or tim\$3 near2 (interval or period))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>22:45 |
| S312 | 6    | S311 and((allocat\$3 or assign\$3)with (carrier\$2 or subcarrier\$1 or (frequency near2 (band or channel))))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/28<br>22:46 |
| S313 | 1072 | ((allocat\$3 or assign\$3) with (carrier\$2 or subcarrier\$1 or (frequency near2 (band or channel))with(time or tim\$3 near2 (period or interval or sequence or slot)))with (mimo or antenn\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/29<br>09:00 |
| S314 | 2    | S313 and ((activat\$3 or active) with (train\$3 near2 (sequence or data or symbol or signal)))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/29<br>09:01 |
| S315 | 2    | S313 and (activat\$3 or active) with (train\$3 near2 (sequence or data or symbol or signal))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/29<br>09:02 |

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| S316 | 2    | S313 and (activat\$3 or activ\$3) with (train\$3 near2 (sequence or data or symbol or signal))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/29<br>09:02 |
| S317 | 100  | S313 and (train\$3 near2 (sequence or data or symbol or signal))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/29<br>09:02 |
| S318 | 1072 | ((allocat\$3 or assign\$3) with (carrier\$2 or subcarrier\$1 or (frequency near2 (band or channel))with(time or tim\$3 near2 (period or interval or sequence or slot)))with (mimo or antenn\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/29<br>14:04 |
| S319 | 1    | S318 and (low near2 order)with (receiver)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/29<br>14:04 |
| S320 | 31   | S318 and (order)near2 (receiver)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/29<br>14:06 |
| S321 | 2    | "7436895".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/29<br>14:15 |
| S335 | 83   | (active near3 (subcarriers or (frequency near2 (set or band))))with (antenn \$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>09:22 |
| S336 | 3185 | (370/206-210).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/02<br>11:58 |
| S337 | 1597 | (370/208).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/02<br>11:59 |



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| S338 | 4685 | (370/329-330).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/02<br>12:00 |
| S339 | 782  | (455/103).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/02<br>12:02 |
| S340 | 1251 | (370/343-344).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/02<br>12:03 |
| S341 | 5    | S336 and(active near3<br>(subcarriers or<br>(frequency near2 (set or<br>band))))with (antenn\$4)                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:06 |
| S342 | 3    | S336 and(active near3<br>(subcarriers or sub-<br>carriers))with (antenn\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:07 |
| S343 | 4    | S336 and(active near3<br>(subcarriers or sub-<br>carriers))with (antenn\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:07 |
| S344 | 0    | S338 and(active near3<br>(subcarriers or sub-<br>carriers))with (antenn\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:07 |
| S345 | 28   | S338 and (allocat\$3 or<br>assign\$3) near3<br>(subcarriers or sub-<br>carriers)with (antenn\$4)                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:08 |
| S346 | 4    | S339 and (allocat\$3 or<br>assign\$3) near3<br>(subcarriers or sub-<br>carriers)with (antenn\$4)                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:14 |
| S347 | 69   | (allocat\$3 or assign\$3)<br>near3 ((even or odd<br>near2 (subcarriers or sub-<br>carriers or carriers)))with<br>(antenn\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/11/02<br>12:16 |

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| S348 | 56   | S347 and (time or tim\$3 near2 (interval or slot or period))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/02<br>12:16 |
| S349 | 14   | S348 and (active or activat\$3 near2 (carrier or subcarrier or sub-carrier))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/02<br>12:17 |
| S350 | 10   | (train\$3 near2 (symbols or tones))with (mimo or antenn\$4)with (even or odd near2 (carrier or subcarrier or sub-carrier))         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/02<br>12:33 |
| S351 | 11   | (10/335500 or 10/820440)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/02<br>12:35 |
| S352 | 0    | S351 and(train\$3 near2 (symbols or tones))with (mimo or antenn\$4)with (even or odd near2 (carrier or subcarrier or sub-carrier)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/02<br>12:36 |
| S353 | 10   | S351 and(train\$3 near2 (symbols or tones))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/02<br>12:36 |
| S354 | 3473 | (diversity) with (multiple near2 anten\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:22 |
| S355 | 15   | (diversity) with (multiple near2 anten\$4)with (phase near2 (shift or rotation or offset))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:23 |
| S356 | 75   | (diversity) same(multiple near2 anten\$4)same (phase near2 (shift or rotation or offset))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:24 |
| S357 | 0    | S356 and (tratin\$3) with (symbol or data)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:29 |

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| S358 | 0  | S356 and (train\$3) with (symbol or data)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:29 |
| S359 | 10 | S356 and (train\$3) with (symbol or data)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:30 |
| S360 | 2  | (diversity) same(multiple near2 anten\$4)same (phase near2 (shift or rotation or offset))same (train\$3)                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>15:30 |
| S361 | 6  | ("20020191572" or "20020154627")   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>16:10 |
| S362 | 0  | ("20010191575")  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>16:12 |
| S363 | 3  | ("20020191575")  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>16:12 |
| S364 | 0  | (diversity) same(multiple near2 anten\$4)same (phase near2 (shift or rotation or offset))same (long near2 train\$3)          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>16:44 |
| S365 | 10 | (multiple near2 anten\$4) same (phase near2 (shift or rotation or offset)) same (long near2 train\$3)                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>16:45 |
| S366 | 10 | (multiple near2 anten\$4) same (phase near2 (shift or rotation or offset)) same (train\$3 near2 (symbol or packet or frame)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>16:49 |
| S367 | 0  | 12/347499  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/14<br>17:11 |

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| S368 | 3477 | (370/206-210).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:37 |
| S369 | 1760 | (370/208).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:38 |
| S370 | 809  | (455/103).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:38 |
| S371 | 1408 | (370/343-344).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:38 |
| S372 | 5    | S368 and(diversity) same<br>(multiple near2 anten\$4)<br>same (phase near2 (shift<br>or rotation or offset)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:40 |
| S373 | 0    | S370 and(diversity) same<br>(multiple near2 anten\$4)<br>same (phase near2 (shift<br>or rotation or offset)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:40 |
| S374 | 3    | S371 and(diversity) same<br>(multiple near2 anten\$4)<br>same (phase near2 (shift<br>or rotation or offset)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:40 |
| S375 | 2    | "20060268719"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/15<br>14:46 |

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